

STUDENT WORKSHOP SZCZECIN 2019

Speaker: Grazyna Horbaczewska (University of Lodz)

Title: *“Smallness” on the real line*

Abstract: The main aim of this lecture is to consider different notions of “smallness” on the real line. I will give examples of families of small sets in a context of measure and topology. I will also present Cantor, Baire and Borel theorems, connections between them and examples of their usage for “existence proofs”.